



Axxon Next 4.0.2. Release Notes

AxxonSoft releases 4.0.2 version of Axxon Next VMS bringing a number of new features and improvements.

What's New in Axxon Next

1. Intel Quick Sync Video is now supported for H.264 video on remote Clients:
 - a. archive mode (forward playback only);
 - b. TimeCompressor.
2. Archive Search mode has been improved:
 - a. The “familiar face / stranger” attribute has been added. The system analyses how often a face appears in the surveillance area.
 - b. Face search results can be sorted by time.
 - c. New improved face recognition and LPR algorithms are applied.
 - d. Displaying date for search results has been added.
3. Search words are now highlighted in the search by titles results.
4. Switch to key frames starts from 16x during fast forward playback of the archive.
5. OfflineAnalytics has been improved: cameras for OfflineAnalytics (External Archive) are visually specified on a layout now.
6. Mechanism of adding camera to configuration has been updated:
 - a. Filter for search by camera model and vendor while manual adding of device has been added.
 - b. By default, a microphone is disabled when connecting a camera.
 - c. Using of presets created in device previously is added.
7. Search by IP address in devices added to the system has been enabled.
8. Macros are improved:
 - a. Possibility to execute actions in macros only for the selected group of users has been added.
 - b. Groups of cameras can be selected when configuring actions in macros.
 - c. A new macros operation mode – cyclic – is added. In this mode all actions are repeated cyclically.
 - d. 2 actions are added to macros: wait for timeout and wait until previous action completes.
 - e. The monitor can now be selected in the Open layout action.
9. Macros are run when the following events are received:
 - a. Get specific word in the titles.
 - b. Specific archive partition error/restored.
 - c. Alarm evaluation: Critical, Non-critical and False.
 - d. Start and End of time zone.



10. Video analytics tools are enhanced and improved:
 - a. Noise detection, Compression artifacts detection and Blur detection have been added.
 - b. Batch creation of detection tools is now enabled.
 - c. By default, motion detection tool, automatically created when the device is added to the system, is configured for recording the whole event.
 - d. Low-quality video stream is now selected by default when detection tools are created.
11. User access rights have been improved:
 - a. Intermediate right has been added, allowing viewing alarms only, without the possibility of their processing.
 - b. Temporal access rights (by time intervals) have been enabled.
 - c. Titles can be hidden from users.
 - d. Error messages can now be shown for specified users.
 - e. Sub-objects of video camera are now hidden on default while configuring access rights.
 - f. Only users with admin rights can create and edit admin users.
12. A user name is now displayed in the Audit – user actions log.
13. Web-client has been improved:
 - a. Video export from an archive is added.
 - b. Sound playback is added.
 - c. The video stream can now be selected for displaying.
 - d. The web client interface has been improved.
 - e. Now when new cameras are added to the Server configuration they appear dynamically in the web client without refreshing the page.
14. Export has been improved:
 - a. The export format and quality settings are added to the Export Agent parameters.
 - b. Executing of several export operations with the same parameters is added.
 - c. Specifying the password while exporting to exe format has been added.
 - d. Enabled export of frames and recordings to a password protected zip archive.
 - e. Specifying the name template of exported files has been added.
 - f. An image is now automatically copied to the clipboard when the frame export is performed.
 - g. Stop of export by event not by timeout is now enabled.
15. The Backup and Restore utility saves parameters that were set in the Log Management utility.
16. Possibility to restrict size of log files and their number has been added.



17. Operator notification while switching a Server to backup power has been added.
18. Auto reboot of Server is now performed only when IP address is changed or when a new network connection is created.
19. The Fit screen function can now be enabled for all cameras on the layout.
20. Archive color in the menu of archive selection on the advanced archive navigation panel is now displayed.
21. The events board was improved: new events are displayed at the top of the list and highlighted for 3 seconds.
22. Special layouts (with alarmed cameras and cameras selected by operator) are improved:
 - a. Layouts are not deleted when starting the Server or Client.
 - b. Cameras can now be moved on the special layouts using Drag-and-drop feature.
 - c. Possibility to specify the number of cameras on a layout that displays selected video cameras has been added.
23. When serial number activation is performed, all paid features are activated.
24. An icon to start Axxon Next in the secure mode with OpenGL emulation has been added to the Windows Start menu.
25. HTTP API has been improved.

Fixes

More than 250 bugs have been fixed in Axxon Next 4.0.2.

IP device support

The release includes **Drivers Pack 3.43** for IP devices support. Detailed information about the Drivers Pack, where to find the latest set of drivers, and the list of supported hardware is available on the following page: http://www.axxonsoft.com/integrated_security_solutions/supported_ip.php

Downloads and licensing

The Axxon Next installer includes both the client and server components. The client can be installed on a computer together with the server, or installed on a separate dedicated client workstation. There is no limit on the total number of servers and clients in a system.

5 Axxon Next license types are available: demo mode with limited operating hours, free version and 3 types of paid licenses (Start, Professional and Universe). Data on all the types of Axxon Next licenses is given on [this page](#).

Free version supports 1 server, 4 video streams, unlimited archive as well as unlimited number of clients.



Learn more about Axon Next on the product page at http://www.axxonsoft.com/products/axon_next/

Updating from previous versions

To update from version 4.0.1 one should uninstall the product (but save the configuration) and then install a new version.

Updating from version 3.6.4 and older is not available. This feature will be implemented in version 4.1.

Product documentation

[System Requirements](#)

[Axon Next Installation Guide](#)

[Axon Next Activation Guide](#)

[Axon Next Quick Start Guide](#)

[Complete Axon Next 4.0 Documentation](#)